Student Wearable Design Contest

NI2016 GENEVA
13th International Congress in Nursing Informatics

June 25 to 29 2016

Geneva: place to be

Nursing & Informatics will be on stage to present brand new scientific developments.

From research to implementation results for the benefits of the people.

Intensive care. Acute care. Home care. Elderly care. Prevention care.

Theme of the conference : eHealth for all
Every level collaboration - From project to realization

1 NI2016 Student Wearable Design Contest

The purpose of the Student Wearable Contest is to encourage collaborative teams to develop and share innovative ideas in wearable or ubiquitous technologies to promote mobile-health, connected health or ubiquitous computing in health care. The goal is to allow the next generation of interprofessional collaborative teams to showcase how technologies can transform nursing and health care.

1.1 Topic areas:

Wearable, Mobile and ubiquitous computing

Including: Wearable devices, mobile apps, integration of mobile technologies into the care continuum.

1.2 The description of the prototype must

1. provide evidence that it is innovative or new
2. show its relevance to patient / family care or health care professional
3. demonstrate a change in the care of a patient / family or in the work of health care professionals
4. follow acceptable standards, privacy and data protection guidelines
5. Describe the details of its usability (plan for usability testing or results of testing)
6. include a visualization of the idea that should include:
    a. Technical architecture
    b. Photo or drawing
7. Maturity of device
    a. What stage is it now?
    b. What stage of maturity at time of presentation (June 2016)?
8. should represent an interprofessional collaboration among students that encourages work across schools, across degrees, across disciplines (nursing, health professions, engineering, computer sciences, etc)
9. No more than two Universities can work together.

Abstract must be submitted in English. Presentations at NI2016 can be presented in English, French, German, Spanish, Japanese or Mandarin Chinese. For more information for translation services, please contact the NI2016 at http://ni2016.org/submission/

1.3 Timeline

Deadline for submission:	**April 1, 2015**
Initial Acceptance Decision:	**May 1, 2015**
Progress Report from applicant due:	**September 1, 2015**
Presentation:	**June 27 2016**

2 Welcome

International Medical Informatics Association Nursing Informatics SIG (IMIA NI) would like to welcome you to NI2016, the 13th International Congress on Nursing and Allied Health Informatics. The theme of the conference is "eHealth for all". eHealth is about to be mature and it's time to present successes and areas still needing improvement. The Conference will cover use of information and information technologies for nursing and all allied health care professionals. This exceptional event will take place in Geneva Switzerland, in June 2016.

This conference will be exceptional
- because more than 1,000 worldwide participants are expected to attend this event.
- because health care needs to use accurate and up-to-date data, nurses are the best professionals to help the person to access care, and use of information technologies is unavoidable for accessing best practice and best documentation.

The conference will offer
- New concepts for presenting the sponsors
- New concept for posters
- New events
- Best effort will be put in to give you best offer for your investment and immediate visibility. Have access to our friends' data base.
- NI2016 is a not-for-profit association. So all what you're investing will be used to benefit the conference and conference participants.

3 Scientific program

General theme is 'eHealth for all: collaboration at every level from project to realization'. NI2016 and its scientific program committee (SPC) are proposing following topics.

3.1 eHealth

The impact of the national eHealth strategies: benefit for the person and the citizen. Contribution of nurses and goals for helping patients to be part of these strategies. What Information Technologies (IT) are empowering patients and health care providers. How IT can empower patients and health care providers.

3.2 Wearable devices

Fashion show on wearable devices is the best way to demonstrate the power and the feasibility of all type of connected devices. This show will be the major public event of the conference. Best ways to collect valuable biomedical data.

3.3 Mobile Health

The entire organization of the conference will be demonstrating the potential of the mobile applications. Values and power for underdeveloped countries will be demonstrated in the sessions and at the booth.

3.4 Ergonometric impact in application design

Ergonomic in designing applications is becoming a must for better acceptance of the system by the user. Follow the presentations proposed

in these domains. Human factor for clinical applications is belonging to this category.

3.5 Clinical IT

Clinical data benefits mainly by information technologies for patient safety, best practice, availability of best data concerning health and wellbeing. Workflow, outcomes, and research are part of this domain.

3.6 Personal Health Record (PHR)

Citizens and patient are concerned with managing their own health records. The most up-to-date IT and the role of the health professionals regarding this domain will be presented.

3.7 Simulation laboratories

Simulation and applications testing are part of the contractual obligation before an information technology being put into practice. Experiences and improvement of simulation labs will be presented.

3.8 Transmission, interoperability, exchanges

This is the basic for successful eHealth developments. Major evolution in this domain will be presented.

3.9 Standards

Role of the standards, ontologies and terminologies in health care; reports, experiences and proposals in this domain will be shared.

3.10 Interoperability showcases

In collaboration with IHE and HL7, HIMSS will present the first ever nursing interoperability showcases.

3.11 Education in health care IT

Education is the basic step for health care professionals and population to achieve competencies. Systems are different from one country to the other and from one domain to the other. Experiences will be presented to facilitate exchanges in this domain.

3.12 Ethics

Policies and ethics are part of implementations and experiences on policies and ethics will be presented.

3.13 Translational in IT

Benefits, difficulties, and importance of translational IT will be presented